

Figure 1

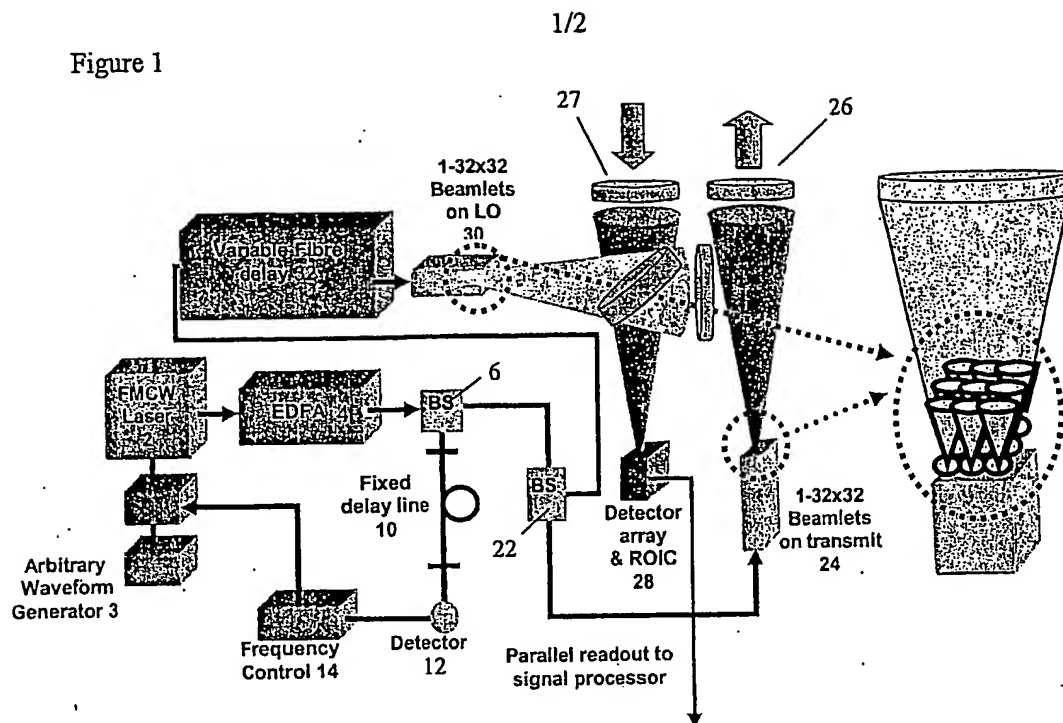
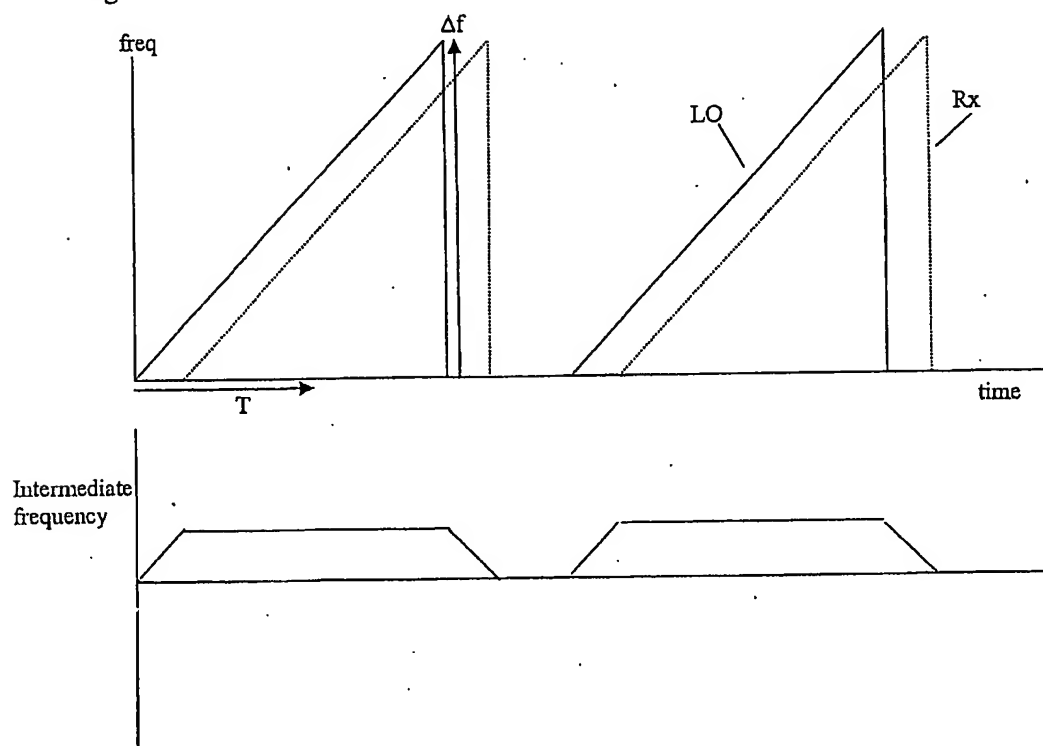


Figure 2



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Diagram illustrating the relationship between different time scales in a quantum control experiment:

- Top:** A sequence of pulses with a **Frame time $\sim 100 \mu\text{s}$** .
- Middle:** A zoomed-in view of the readout time, showing the **Readout time**, **Integration time**, and **Frame time**.
- Bottom:** A zoomed-in view of the sample time, showing the **Sample time** and the resulting **Pixel intermediate frequency** after an **FFT**.